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☐ 1. Document ID: US 20050131208 A1

L7: Entry 1 of 9

File: PGPB

Jun 16, 2005

PGPUB-DOCUMENT-NUMBER: 20050131208

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050131208 A1

TITLE: Method for producing a modified peptide

PUBLICATION-DATE: June 16, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Minamitake, Yoshiharu Gunma JP
Matsumoto, Masaru Gunma JP
Makino, Tomohiro Gunma JP

US-CL-CURRENT: 530/333

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw. De

☐ 2. Document ID: US 6221363 B1

L7: Entry 2 of 9

File: USPT

Apr 24, 2001

US-PAT-NO: 6221363

DOCUMENT-IDENTIFIER: US 6221363 B1

TITLE: Vaccine for the prevention of lyme disease

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

☐ 3. Document ID: US 6037145 A

L7: Entry 3 of 9

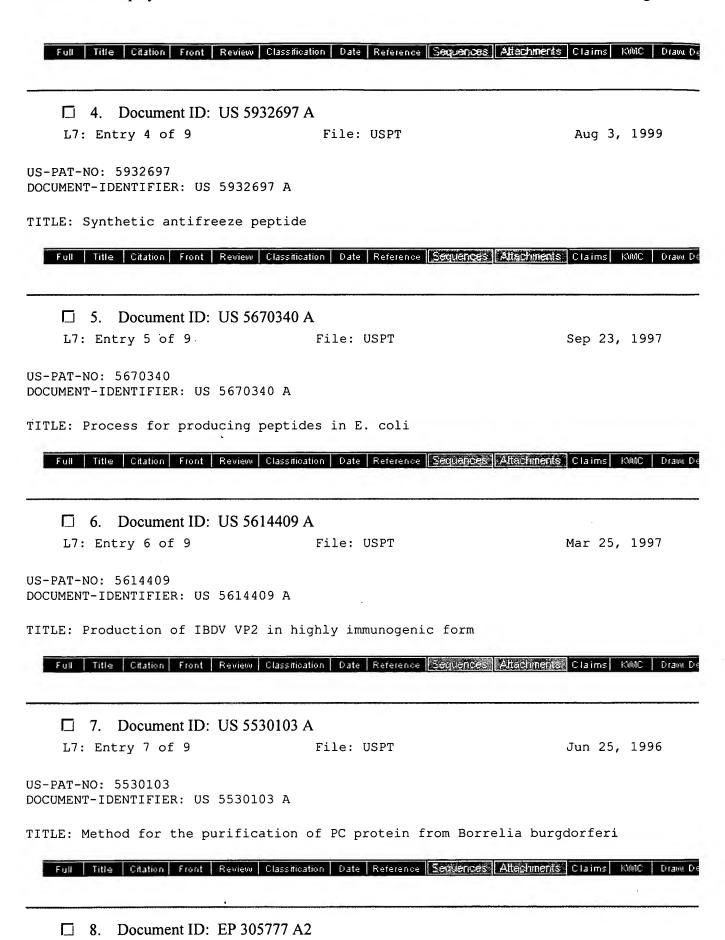
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Mar 14, 2000

US-PAT-NO: 6037145

DOCUMENT-IDENTIFIER: US 6037145 A

TITLE: Process for production of protein



L7: Entry 8 of 9

File: EPAB

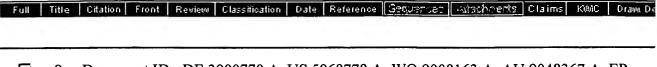
Mar 8, 1989

PUB-NO: EP000305777A2

DOCUMENT-IDENTIFIER: EP 305777 A2

TITLE: Synthesis of human immunodeficiency virus type 1 antigens and their use as

diagnostic and therapeutic agents.



9. Document ID: DE 3900770 A, US 5968778 A, WO 9008163 A, AU 9048367 A, EP 453456 A, JP 04504407 W, EP 453456 B1, DE 59001317 G, ES 2057528 T3

L7: Entry 9 of 9

File: DWPI

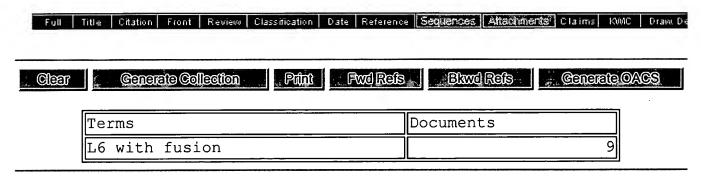
Jul 26, 1990

DERWENT-ACC-NO: 1990-232170

DERWENT-WEEK: 199950

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TITLE: Recombinant mono:metric platelet derived growth factor A prodn. - by expressing fusion protein with beta-galactosidase in E.coli, chemical cleaning, thiol protection, purificn. and opt. dimerisation



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Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 20060121572 A1

L8: Entry 1 of 10

File: PGPB

Jun 8, 2006

PGPUB-DOCUMENT-NUMBER: 20060121572

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060121572 A1

TITLE: Production of heterologous proteins in Caulobacter

PUBLICATION-DATE: June 8, 2006

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Smit; John Richmond CA Nomellini; John F. Richmond CA

US-CL-CURRENT: <u>435/69.1</u>; <u>435/252.3</u>, <u>435/320.1</u>, <u>530/350</u>, <u>536/23.7</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims RMC Draw. De

☐ 2. Document ID: US 20030109469 A1

L8: Entry 2 of 10

File: PGPB

Jun 12, 2003

PGPUB-DOCUMENT-NUMBER: 20030109469

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030109469 A1

TITLE: Recombinant gene expression vectors and methods for use of same to enhance

the immune response of a host to an antigen

PUBLICATION-DATE: June 12, 2003

INVENTOR-INFORMATION:

CITY COUNTRY NAME STATE Carson, Dennis A. Del Mar CA US CA US Raz, Eyal Del Mar CA US Roman, Mark San Diego

US-CL-CURRENT: <u>514/44</u>; <u>435/235.1</u>, <u>536/23.1</u>

Record List Display Page 2 of 4

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw. De

☐ 3. Document ID: US 20030084468 A1

L8: Entry 3 of 10 File: PGPB

May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030084468

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030084468 A1

TITLE: Methods of expressing transgenes

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

CITY STATE COUNTRY NAME NY US Economides, Aris N. Tarrytown US DeChiara, Thomas M. Paramus NJ Gale, Nicholas W. Tarrytown NY US Yancopoulos, George D. Yorktown Heights NY US

US-CL-CURRENT: 800/18; 435/320.1, 435/354, 435/455, 435/6, 800/21

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

☐ 4. Document ID: US 20030078223 A1

File: PGPB Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030078223

PGPUB-FILING-TYPE: new

L8: Entry 4 of 10

DOCUMENT-IDENTIFIER: US 20030078223 A1

TITLE: Compositions and methods for modulating an immune response

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Raz, Eyal Del Mar CA US Broide, David San Diego CA US

US-CL-CURRENT: 514/44; 424/275.1

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw De

5. Document ID: US 6653109 B1

L8: Entry 5 of 10

File: USPT

Nov 25, 2003

Record List Display Page 3 of 4

US-PAT-NO: 6653109

DOCUMENT-IDENTIFIER: US 6653109 B1

TITLE: Method of producing derivatives of lactosamine

Full Title Citation Front Review Classification Date Reference <u>Sequences</u> Attachments Claims KWIC Draw, De

☐ 6. Document ID: US 5891671 A

L8: Entry 6 of 10

File: USPT

Apr 6, 1999

US-PAT-NO: 5891671

DOCUMENT-IDENTIFIER: US 5891671 A

TITLE: Method for cleaving chimeric protein using processing enzyme

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw De

☐ 7. Document ID: US 5529909 A

L8: Entry 7 of 10

File: USPT

Jun 25, 1996

US-PAT-NO: 5529909

DOCUMENT-IDENTIFIER: US 5529909 A

TITLE: Tyrosinase-activator protein fusion enzyme

Full | Title | Citation | Front | Review | Classification | Date | Reference | Seguences | Attachments | Claims | KWIC | Draw. De

□ 8. Document ID: US 5415998 A

L8: Entry 8 of 10

File: USPT

May 16, 1995

US-PAT-NO: 5415998

DOCUMENT-IDENTIFIER: US 5415998 A

TITLE: Enzyme-containing quaternary immunocomplex homogeneous assay

Full Title Citation Front Review Classification Date Reference **Seguences Attachments** Claims KMC Draw. De

Document ID: WO 2006056050 A1, US 20060121572 A1

L8: Entry 9 of 10

File: DWPI

Jun 1, 2006

DERWENT-ACC-NO: 2006-392658

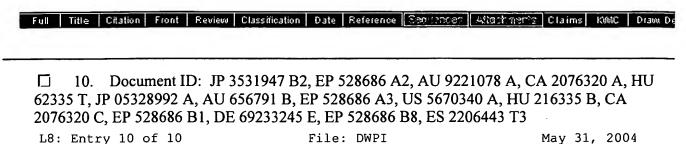
DERWENT-WEEK: 200640

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TITLE: Producing heterologous polypeptide in Caulobacter, by transforming genetically engineered Caulobacter strain that produces outer membrane protein

Record List Display Page 4 of 4

RsaFa or RsaFb at elevated level, with sequences coding for heterologous polypeptide

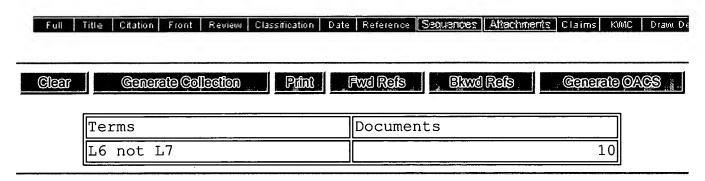


DERWENT-ACC-NO: 1993-060504

DERWENT-WEEK: 200436

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TITLE: Recombinant prodn. of peptide(s) - by transforming host cells to produce fusion proteins with isoelectric points of 4.9-6.9, then cleaving the fusion proteins



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     Kamiya, S. [Reprint author]; Yamaquchi, H. [Reprint author]; Osaki, T.;
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     Takahashi, M. [Reprint author]; Taquchi, H. [Reprint author]
CS
     Department of Microbiology, Kyorin University School of Medicine, Mitaka,
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SO
     Gut, (Sept., 1999) Vol. 45, No. SUPPL. 3, pp. A58-A59. print.
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FILE 'WPIDS' ENTERED AT 20:23:22 ON 09 JUL 2006
COPYRIGHT (C) 2006 THE THOMSON CORPORATION
COST IN U.S. DOLLARS
                                                 SINCE FILE
                                                                  TOTAL
                                                       ENTRY
                                                                SESSION
FULL ESTIMATED COST
                                                       28.90
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=> dis his
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     FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,
     NTIS, ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 20:18:20 ON 09 JUL 2006
            456 S GALACTOSIDASE (5A) PROTECT?
L1
              6 S L1 (5A) FUSION
L2
L3
              6 DUP REM L2 (0 DUPLICATES REMOVED)
=> s glp? (5a) fusion
           178 GLP? (5A) FUSION
L4
=> s 14 (5a) (produc? or purif?)
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=> dup rem 15
PROCESSING COMPLETED FOR L5
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     ANSWER 1 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN
L6
     2006:544558 HCAPLUS <<LOGINID::20060709>>
AN
DN
     145:50996
ΤI
     Drug fusions and conjugates with improved serum half-lives containing an
     incretin hormone and an antibody fragment that binds serum albumin
IN
     Holmes, Steve; Holt, Lucy J.; Jespers, Laurent S.; Tomlinson, Ian M.
PA
     Domantis Ltd., UK
SO
     PCT Int. Appl., 167 pp.
     CODEN: PIXXD2
DT
     Patent
LA
     English
FAN.CNT 13
     PATENT NO.
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                                DATE
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PΙ
                                20060608
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PRAI US 2004-632361P
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DN
     142:120461
     Glucagon-like peptide I (GLP-1) analog fusion proteins with specific
TI
     IgG4-Fc derivatives with increased stability and reduced risk of unwanted
     immune response, and therapeutic uses thereof
IN
     Glaesner, Wolfgang; Millican, Rohn Lee, Jr.; Vick, Andrew Mark
     Eli Lilly and Company, USA
PA
     PCT Int. Appl., 44 pp.
so
     CODEN: PIXXD2
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LA
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FAN.CNT 3
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L6
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AN
     2005:1123800 HCAPLUS <<LOGINID::20060709>>
DN
     143:400387
     Human GLP-1 (glucagon like peptide 1) mimetibodies, compositions, methods
ΤI
     of making, and diagnostic or therapeutic uses
IN
     O'Neil, Karyn; Picha, Kristen
     Centocor, Inc., USA
PA
     PCT Int. Appl., 139 pp.
so
     CODEN: PIXXD2
DT
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PRAI US 2004-557983P
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                          P
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     ANSWER 4 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN
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     2005:570927 HCAPLUS <<LOGINID::20060709>>
AN
DN
     143:91052
     Human GLP-1 receptor analogues linked to albumin-like agents for treating
ΤI
     diabetes
ΙN
     Hansen, Thomas Kruse; Zundel, Magali; Madsen, Kjeld; Svendsen, Anne;
     Schiodt, Christine Bruun; Lau, Jesper
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Novo Nordisk A/S, Den.

PA

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CODEN: PIXXD2
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LΑ
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                               DATE
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PRAI DK 2003-1883
                         Α
os
    MARPAT 143:91052
L6
     ANSWER 5 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN
     AN
DN
     142:54760
     Rationally designed antibodies fused to peptide mimetics involved in
ΤI
     insulin production for use in therapy and diagnosis
IN
     Bowdish, Katherine S.; Frederickson, Shana; Renshaw, Mark; Orencia,
     Cecelia
PA
     USA
    U.S. Pat. Appl. Publ., 149 pp., Cont.-in-part of U.S. Ser. No. 452,590.
SO
     CODEN: USXXCO
DT
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LA
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                         A1
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                         A2
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PCT Int. Appl., 61 pp.

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PRAI US 2000-251448P
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     US 2001-288889P
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     US 2002-307724
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     US 2003-452590
                         A2
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     EP 2001-985007
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     US 2003-737290
                         Α
                               20031215
L6
     ANSWER 6 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN
ΑN
     DN
     141:152200
     Recombinant production of glucagon like peptide-1 (7-36) fragment and/or
ΤI
     GLP-1 analogs in large quantities by ligating genes in tandem
     Sun, Yukun; Wu, Dengxi; Wu, Aizhen; Zhu, Zhiyong; Yu, Gang; Zhou,
IN
     Jiaxiang; Zhao, Shaoling
     Shanghai Hua-Yi Bio-Tech Lab., Peop. Rep. China
PA
SO
     U.S. Pat. Appl. Publ., 35 pp., Cont.-in-part of Appl. No. PCT/CN02/00502.
     CODEN: USXXCO
DT
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LΑ
     English
FAN.CNT 2
     PATENT NO.
                        KIND
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                                                                 DATE
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     US 2004146985
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PRAI WO 2002-CN502
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     CN 2001-126278
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    ANSWER 7 OF 8 HCAPLUS COPYRIGHT 2006 ACS on STN
1.6
AN
     2003:818131 HCAPLUS <<LOGINID::20060709>>
DN
     139:312444
TI
    Use of transthyretin peptide/protein fusions to increase the serum
    half-life of pharmacologically active peptides/proteins
IN
    Walker, Kenneth; Xiong, Fei
PA
    USA
    U.S. Pat. Appl. Publ., 61 pp., Cont.-in-part of U.S. Ser. No. 117,109.
SO
     CODEN: USXXCO
DT
    Patent
LA
    English
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    US 2003191056
                               20031009
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PRAI US 2002-117109
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     ANSWER 8 OF 8 BIOTECHDS COPYRIGHT 2006 THE THOMSON CORP. on STN
L6
     DUPLICATE 2
     2003-04143 BIOTECHDS <<LOGINID::20060709>>
AN
ΤI
     Genetically engineered bacteria and process for preparing insulinotropic
     hormone secretion peptide GLP-1 (7-36);
        recombinant hormone protein production via plasmid expression in
        bacterium host cell
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SUN Y; WU D; WU A

ΑU

TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

PI _ CN 1363654 14 Aug 2002 ΑI CN 2001-126278 19 Jul 2001 PRAI CN 2001-126278 19 Jul 2001; CN 2001-126278 19 Jul 2001 DT Patent LΑ Chinese WPI: 2002-742063 [81] os => dis his (FILE 'HOME' ENTERED AT 20:18:09 ON 09 JUL 2006) FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS, ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 20:18:20 ON 09 JUL 2006 456 S GALACTOSIDASE (5A) PROTECT? L1 L2 6 S L1 (5A) FUSION 6 DUP REM L2 (0 DUPLICATES REMOVED) L3 178 S GLP? (5A) FUSION L4 L5 10 S L4 (5A) (PRODUC? OR PURIF?) L6 8 DUP REM L5 (2 DUPLICATES REMOVED) => log h COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION FULL ESTIMATED COST 42.55 42.76

SESSION WILL BE HELD FOR 60 MINUTES

HUAYI BIO TECHNOLOGY CO LTD SHANGHAI

PA

STN INTERNATIONAL SESSION SUSPENDED AT 20:26:07 ON 09 JUL 2006